



PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit
P0039131	THY001-VC	7	1	Net 30	M6061T6B1.000X16.000	6061-T6 Bar 1.00 X 16.000 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft				12	3/8/2018	24		\$047751	Stock	3/5/2018	\$ 72.50 / ft
					M304B0.750X1.500	304 Bar 0.750 X 1.500": MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE receive ft							\$047752				
												Total:	24	36			

Plex 3/5/2018 8:27 AM Dart.Dubois.Pascal



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO039131

Supplier: THY001-VC
Thyssenkrupp Materials CA Ltd
O/A VPK Metal- c/o T27540
PO Box 4275, Postal "A"
Toronto
ON
M5W 5V8 Canada
Phone: 905 669 9444
Fax: 905 738 9033

PO No: PO039131**PO Date:** 2/26/18**Due Date:** 3/2/18**Purchase Order Revision:****Revision Date:****Ship-To Contact:** Lavoie, Chantal Phone: clavoie@dartaero.com

E-MAILED
FEB 27 2018

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground**Pymt Terms:** Net 30**Freight Terms:****Special Comments:** QUOTE NO: 1203013512

Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M6061T6B0.500X12.000		6061-T6 Bar .500 X 12.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/2/18	24 ft	0 ft	24 ft	\$17.64/ft	\$423.36
2	M6061T6B0.500X05.000		6061-T6 Bar .500 X 5.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/2/18	24 ft	0 ft	24 ft	\$7.35/ft	\$176.40
3	M6061T6B1.000X1.000		6061T6 Bar 1.000 X 1.000 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/2/18	24 ft	0 ft	24 ft	\$2.94/ft	\$70.56

24

MAR 02 2018

24

MAR 02 2018

24

MAR 02 2018

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Items										
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4	M6061T6B1.000X02.000		6061-T6 Bar 1.00 X 2.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/2/18	24 ft	0 ft	24 ft	\$5.88/ft	\$141.12
5	M6061T6B1.500X02.500		6061-T6 Bar 1.50 X 2.50 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/2/18	60 ft	0 ft	60 ft	\$11.03/ft	\$661.80
6	M6061T6B2.250X2.250		6061-T6 Bar 2.250 X 2.250 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/8/18	12 ft	0 ft	12 ft	\$17.86/ft	\$214.32
7	M6061T6B1.000X16.000		6061-T6 Bar 1.00 X 16.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/8/18	12 ft	0 ft	12 ft	\$72.50/ft	\$870.00
8	M6061T6B0.750X06.000		6061-T6 Bar .750 X 6.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/2/18	12 ft	0 ft	12 ft	\$13.23/ft	\$158.76

Line Item Note: MAT'L 1.000" X 18.000" ACCEPTABLE

Items											
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price	
9	M6061T6B1.250X02.000	6061T6 Bar 1.250 X 2.000	Firmed	3/2/18	12 ft	0 ft	12 ft	\$7.35/ft	\$88.20		
		: MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft									
10	M6061T6S.080	6061-T6 .080 Sheet	Firmed	3/2/18	96 sf	0 sf	96 sf	\$4.2334375/sf	\$406.41		
		: MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf									
11	M6061T6S.3125	6061-T6 .3125 Sheet	Firmed	3/2/18	48.648 sf	0 sf	49 sf	\$11.012169/sf	\$535.72		
		: MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 receive sf									
12	M304B0.750X1.500	304 Bar 0.750 X 1.500"	Firmed	3/2/18	12 ft	0 ft	12 ft	\$12.78/ft	\$153.36		
		: MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE receive ft									

Grand Total: \$3,900.01

Order Notes

- Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 part notification by supplier
A043 retention of quality documents
A048 counterfeit parts avoidance, detection, mitigation and disposition program
A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dart aerospace.com for further explanation.

Plex 2/26/18 2:08 PM dart.lavoie.chantal

QUOTE

thyssenkrupp Materials NA, 2821 Langstaff Road, Concord, ON L4K 5C6

DART AEROSPACE LTD
 1270 ABERDEEN ST
 HAWKESBURY ON K6A 1K7
 Canada
 TEL: 613-632-5200
 FAX: 613-632-5246

DATE: 02/22/2018
QUOTE NO: 1203013512
 YOUR INQUIRY:
 ATTENTION TO: CHANTEL LAVOIE
 TEL: 613-632-5200
 CUSTOMER NO: 10058125
 DEPARTMENT: CAN TOR INS 01
 CONTACT: Teresa Volpe
 TEL:
 FAX:
 EMAIL: Teresa.Volpe@thyssenkrupp.com

PAGE 1 OF 5

Thank you for allowing us to quote on your requirement. Delivery contingent upon date ordered.

Delivery Address

DART AEROSPACE LTD, 1270 ABERDEEN ST, HAWKESBURY, ON K6A 1K7, CANADA
 Unloading Point: UNLOAD POINT 1

ITEM	DESCRIPTION	QTY1	UOM	PRICE CUR PER UOP	TOTAL CAD
		QTY2	UOM		
QTY3	UOM				
0010	ALREC76047 6061 T6511 Aluminum Extruded Rectangular 0.50000 X 12.0000 X 144 Mill Length Nominal Chemistry/Act Physical Standard Packaging Delivery Date: 02/26/2018	2	PC	17.64 CAD	423.36
		24	FT	1 FT	<i>17.64</i>
		169.344 LB			
0020	ALREC00870 6061 T6511 Aluminum Extruded Rectangular 0.50000 (+-.009) X 5.0000 (+-.034) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Delivery Date: 02/26/2018	2	PC	7.35 CAD	176.40
		24	FT	1 FT	<i>7.35</i>
		70.560 LB			
0030	ALREC00396 6061 T6511 Aluminum Extruded Rectangular 0.75000 X 5.0000 (+.125-0) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Delivery Date: 02/26/2018	1	PC	11.03 CAD	132.36
		12	FT	1 FT	
		52.920 LB			

QUOTE

~~thyssenkrupp Materials NA, 2821 Langstaff Road, Concord, ON L4K 5C6~~

DART AEROSPACE LTD
 1270 ABERDEEN ST
 HAWKESBURY ON K6A 1K7
 Canada

DATE: 02/22/2018
QUOTE NO: 1203013512
 YOUR INQUIRY:
 ATTENTION TO: CHANTEL LAVOIE
 TEL: 613-632-5200

PAGE 2 OF 5

ITEM	DESCRIPTION	QTY1 UOM QTY2 UOM QTY3 UOM	PRICE CUR PER UOP	TOTAL CAD
0040	ALSQ00013 6061 T6511 Aluminum Extruded Square 1.00000 " (+-.012) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Delivery Date: 02/26/2018	2 PC 24 FT 28.224 LB	2.94 CAD 1 FT	70.56 <i>2.94</i>
0050	ALREC52164 6061 T6511 Aluminum Extruded Rectangular 1.00000 X 1.6250 X 144 Mill Length Nominal Chemistry/Act Physical Standard Packaging Delivery Date: 02/26/2018	1 PC 12 FT 22.932 LB	4.78 CAD 1 FT	57.36
0060	ALREC00173 6061 T6511 Aluminum Extruded Rectangular 1.00000 (+-.012) X 2.0000 (+-.024) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Delivery Date: 02/26/2018	2 PC 24 FT 56.448 LB	5.88 CAD 1 FT	141.12 <i>117.12</i>
0070	ALREC00304 6061 T6511 Aluminum Extruded Rectangular 1.50000 (+-.014) X 2.5000 (+-.024) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Delivery Date: 02/26/2018	5 PC 60 FT 264.600 LB	11.03 CAD 1 FT	661.80 <i>565.11</i> <i>11.03</i>

QUOTE

~~thyssenkrupp Materials NA, 2821 Langstaff Road, Concord, ON L4K 5C6~~

DART AEROSPACE LTD
 1270 ABERDEEN ST
 HAWKESBURY ON K6A 1K7
 Canada

DATE: 02/22/2018
 QUOTE NO: 1203013512
 YOUR INQUIRY:
 ATTENTION TO: CHANTEL LAVOIE
 TEL: 613-632-5200

PAGE 3 OF 5

ITEM	DESCRIPTION	QTY1 UOM QTY2 UOM QTY3 UOM	PRICE CUR PER UOP	TOTAL CAD
0080	ALSQ00023 6061 T6511 Aluminum Extruded Square 2.25000 " (+-.024) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Delivery Date: 02/28/2018 1.5 WEEKS ARO	1 PC 12 FT 71.448 LB	17.86 CAD 1 FT	214.32 <i>17.84</i>
0090	ALREC00304 6061 T6511 Aluminum Extruded Rectangular 1.50000 (-.014) X 2.5000 (+-.024) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Delivery Date: 02/26/2018	1 PC 12 FT 52.920 LB	11.03 CAD 1 FT	132.36
0100	ALREC00173 6061 T6511 Aluminum Extruded Rectangular 1.00000 (+-.012) X 2.0000 (+-.024) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Delivery Date: 02/26/2018	1 PC 12 FT 28.224 LB	5.88 CAD 1 FT	70.56
0110	ALREC01081 6061 T6511 Aluminum Extruded Rectangular 1.00000 (+.038-0) X 18.0000 (+.288-0) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT Nominal Chemistry/Nom Physical Standard Packaging Delivery Date: 02/27/2018 1.5 WEEKS ARO	2 PC 24 FT 508.032 LB	72.50 CAD 1 FT	1,740.00

QUOTE

thyssenkrupp Materials NA, 2821 Langstaff Road, Concord, ON L4K 5C6

DART AEROSPACE LTD
 1270 ABERDEEN ST
 HAWKESBURY ON K6A 1K7
 Canada

DATE: 02/22/2018
QUOTE NO: 1203013512
 YOUR INQUIRY:
 ATTENTION TO: CHANTEL LAVOIE
 TEL: 613-632-5200

PAGE 4 OF 5

ITEM	DESCRIPTION	QTY1 UOM QTY2 UOM QTY3 UOM	PRICE CUR PER UOP	TOTAL CAD
0120	ALREC00274 6061 T6511 Aluminum Extruded Rectangular 0.75000 (+-.010) X 6.0000 (+-.044) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Delivery Date: 02/26/2018	1 PC 12 FT 63.504 LB	13.23 CAD 1 FT	158.76
0130	ALREC00726 6061 T6511 Aluminum Extruded Rectangular 1.25000 (+-.008) X 2.0000 (+-.008) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Delivery Date: 02/26/2018	1 PC 12 FT 35.280 LB	7.35 CAD 1 FT	88.20
0150	OFFERING .25X48.5X144.50 <u>ALFLR00939</u> 6061 Aluminum T651 Sheet 0.25000 (+.015-0) X Width 48.5000 X Length 144.5000 ASME SECTION II B SB-209 2010 ASTM B209 2014 ROHS COMPLIANT SAE AMS 4027 N Actual Chemistry/Act. Physical Standard Packaging Delivery Date: 02/26/2018	1 PC 176.861 LB	442.15 CAD 1 PC	442.15
0160	OFFERING .080X48X144 <u>ALFLR00493</u> 6061 Aluminum T6 Sheet 0.08000 (+-.0035) X Width 48.0000 X Length 144 ASTM B209 2014 ROHS COMPLIANT SAE AMS 4027 N Nominal Chemistry/Act Physical Standard Packaging Delivery Date: 02/26/2018	3 PC 162.570 LB	135.47 CAD 1 PC	406.41

QUOTE

thyssenkrupp Materials NA 2821 Langstaff Road, Concord, ON L4K 5C6

DART AEROSPACE LTD
 1270 ABERDEEN ST
 HAWKESBURY ON K6A 1K7
 Canada

DATE: 02/22/2018
QUOTE NO: 1203013512
 YOUR INQUIRY:
 ATTENTION TO: CHANTEL LAVOIE
 TEL: 613-632-5200

PAGE 5 OF 5

ITEM	DESCRIPTION	QTY1 UOM QTY2 UOM QTY3 UOM	PRICE CUR PER UOP	TOTAL CAD
0170	OFFERING .3125X48.5X144.5 ALFLR74857 6061 Aluminum T651 Sheet 0.31200 X Width 48.5000 X Length 144.5000 Actual Chemistry/Act. Physical Standard Packaging Delivery Date: 02/26/2018	1 PC 214.287 LB	535.72 CAD 1 PC	535.72
			4.04	12.04 48.648
	Weight total	1,978.154 LB		
	Items total		5,451.44	
	Net Amount		5,451.44	
	GST		708.69	
	TOTAL		6,160.13	

Payment Terms: Within 30 days without deduction
 Delivery Terms: PPD (gem. Incoterms 2000) PREPAID
 Shipping Condition: General Delivery

COMPUTER GENERATED OFFER AND VALID WITHOUT SIGNATURE.

Please review the above items for accuracy.
 Prices are quoted as price in effect at time of shipment.
 Our standard terms and conditions apply should this quote become an order.

For terms and conditions please refer to website at <http://www.lkmna.com/lkmna/Resources/CustomerService/index.html>

Any obvious damage must be noted on the material delivery documentation at the time of receipt.
 Tax exemption status documentation must be forwarded to credit department prior to order approval.
 All returned material subject to restock charge

QUOTE

thyssenkrupp Materials NA 2821 Langstaff Road, Concord, ON L4K 5C6

DART AEROSPACE LTD
 1270 ABERDEEN ST
 HAWKESBURY ON K6A 1K7
 Canada
 TEL: 613-632-5200
 FAX: 613-632-5246

DATE:	02/22/2018
QUOTE NO:	1203013596
YOUR INQUIRY:	
ATTENTION TO:	CHANTAL LAVOIE
TEL:	613-632-5200
CUSTOMER NO:	10058125
DEPARTMENT:	CAN TOR INS 01
CONTACT:	Teresa Volpe
TEL:	
FAX:	
EMAIL:	Teresa.Volpe@thyssenkrupp.com

PAGE 1 OF 3

Thank you for allowing us to quote on your requirement. Delivery contingent upon date ordered.

Delivery Address

DART AEROSPACE LTD, 1270 ABERDEEN ST, HAWKESBURY, ON K6A 1K7, CANADA
 Unloading Point: UNLOAD POINT 1

ITEM	DESCRIPTION	QTY1	UOM	PRICE CUR PER UOP	TOTAL CAD
		QTY2	UOM		
0010	SSRD00076 T-303 Stainless Steel Round 0.7500 " (+-.002) X 144 Mill Length ASTM A 484/A 484M 2016 ASTM A 582/A 582M 2012 ROHS COMPLIANT SAE AMS 5640 V Actual Chemistry/Act. Physical. Standard Packaging Delivery Date: 02/27/2018 CERTS MUST INCLUDE TENSILE, YIELD, ELONGATION, AND REDUCTION OF AREA	8	PC	6.84 CAD	656.64
		96	FT	1 FT	
		147.514 LB			
0030	SSREC00117 T-304/304L Stainless Steel HRAP Rectangular 0.75000 " (+-.015) X 1.5000 " (+-.031) X 144 Mill Length ASME SEC II A-2 SA-479(M) 2007 ASTM A 276/A 276M REV A 2016 ASTM A 479/A 479M 2017 ROHS COMPLIANT SAE AMS 5639 J SAE AMS-QQ-S-763 D Actual Chemistry/Act. Physical Standard Packaging Delivery Date: 02/27/2018	1	PC	12.78 CAD	153.36
		12	FT	1 FT	
		46.176 LB			

QUOTE~~thyssenkrupp Materials NA, 2821 Langstaff Road, Concord, ON L4K 5C6~~

DART AEROSPACE LTD
 1270 ABERDEEN ST
 HAWKESBURY ON K6A 1K7
 Canada

DATE: 02/22/2018
QUOTE NO: 1203013596
 YOUR INQUIRY:
 ATTENTION TO: CHANTAL LAVOIE
 TEL: 613-632-5200

PAGE 2 OF 3

ITEM	DESCRIPTION	QTY1 UOM	PRICE CUR PER UOP	TOTAL CAD
		QTY2 UOM		
		QTY3 UOM		
0040	OFFERING 48X120 SSFLR00026 T-304/304L Stainless Steel 2B Sheet 11 Gauge X 0.12000 (+-.007) X Width 48.0000 X Length 120 ASME SECT II A SA-240(M) 2007 ASTM A 240/A 240M REV A 2016 ROHS COMPLIANT Actual Chemistry/Act. Physical Standard Packaging Delivery Date: 02/27/2018	1 PC 200.448 LB	651.46 CAD 1 PC	651.46
0050	OFFERING 240FT SSFLR00222 T-304/304L Stainless Steel 2B Sheet 16 Gauge X 0.06000 (+-.004) X Width 48.0000 X Length 120 ASME SECT II A SA-240(M) 2007 ASTM A 240/A 240M REV A 2016 ROHS COMPLIANT Actual Chemistry/Act. Physical Standard Packaging Delivery Date: 02/27/2018	2 PC 200.448 LB	325.73 CAD 1 PC	651.46
0060	OFFERING 6X8 SSRD00300 T-304/304L Stainless Steel Round Rough Turned 6.0000" (+.125-0) X 96 RBW Cutting - Standard +.25 Cut To Length 96.0000 " 1 ASTM A 276/A 276M REV A 2016 ASTM A 479/A 479M 2017 ROHS COMPLIANT SAE AMS 5639 J SAE AMS 5647 K Actual Chemistry/Act. Physical Standard Packaging Delivery Date: 03/07/2018	1 PC 8 FT 803.232 LB	422.70 CAD 1 FT	3,381.60

QUOTE

thyssenkrupp Materials NA, 2821 Langstaff Road, Concord, ON L4K 5C6

DART AEROSPACE LTD
 1270 ABERDEEN ST
 HAWKESBURY ON K6A 1K7
 Canada

DATE: 02/22/2018
QUOTE NO: 1203013596
 YOUR INQUIRY:
 ATTENTION TO: CHANTAL LAVOIE
 TEL: 613-632-5200

PAGE 3 OF 3

ITEM	DESCRIPTION	QTY1 UOM	QTY2 UOM	QTY3 UOM	PRICE CUR PER UOP	TOTAL CAD
						CAD
0070	SSRD00122 T-304/304L Stainless Steel Round 0.6250 " (+-.002) X 144 Mill Length ASTM A 276/A 276M REV A 2016 ASTM A 479/A 479M 2017 ROHS COMPLIANT SAE AMS 5639 J SAE AMS 5647 K SAE AMS QQ-S-763 D Actual Chemistry/Act. Physical Standard Packaging Delivery Date: 02/27/2018	2 PC	24 FT	25.176 LB	3.01 CAD 1 FT	72.24

Weight total	1,422.994 LB	5,566.76
Items total		5,566.76
Net Amount		723.68
GST		6,290.44
TOTAL		

Payment Terms: Within 30 days without deduction
 Delivery Terms: PPD (gem. Incoterms 2000) PREPAID
 Shipping Condition: General Delivery

COMPUTER GENERATED OFFER AND VALID WITHOUT SIGNATURE.

Please review the above items for accuracy.
 Prices are quoted as price in effect at time of shipment.
 Our standard terms and conditions apply should this quote become an order.

For terms and conditions please refer to website at <http://www.tkmna.com/tkmna/Resources/CustomerService/index.html>

Any obvious damage must be noted on the material delivery documentation at the time of receipt.
 Tax exemption status documentation must be forwarded to credit department prior to order approval.
 All returned material subject to restock charge

ORDER CONFIRMATION

thyssenkrupp Materials NA, 2821 Langstaff Road, Concord, ON L4K 5C6

DART AEROSPACE LTD
 1270 ABERDEEN ST
 HAWKESBURY ON K6A 1K7
 Canada

TEL: 613-632-5200
 FAX: 613-632-5246

DATE: 02/27/2018
ORDER NO: 1403544606 *
 YOUR P/O: 39131 dtd. 02/22/2018
 ATTENTION TO: CHANTEL LAVOIE
 TEL: 613-632-5200
 CUSTOMER NO: 10058125
 DEPARTMENT: CAN TOR INS 01
 CONTACT: Stan Ivers
 TEL: 905-532-1350 ext -21350
 FAX: 905-738-9033 ext 9033
 EMAIL: STAN.IVERS@THYSSENKRUPP.COM
 * please state on all documents

We thank you for your order which we confirm as follows:

Delivery Address

DART AEROSPACE LTD, 1270 ABERDEEN ST, HAWKESBURY, ON K6A 1K7, CANADA
 Unloading Point: UNLOAD POINT 1

ITEM	DESCRIPTION	QTY1	UOM	PRICE CUR PER UOP	TOTAL CAD
		QTY2	UOM		
QTY3	UOM				
0010	ALREC76047 6061 T6511 Aluminum Extruded Rectangular 0.50000 X 12.0000 X 144 Mill Length Nominal Chemistry/Act Physical Standard Packaging Order Number: 39131 Delivery Date: 03/02/2018	2	PC	17.64 CAD	423.36
		24	FT	1 FT	
		169.344	LB		
0020	ALREC00870 6061 T6511 Aluminum Extruded Rectangular 0.50000 (+-.009) X 5.0000 (+-.034) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Order Number: 39131 Delivery Date: 03/02/2018	2	PC	7.35 CAD	176.40
		24	FT	1 FT	
		70.560	LB		
0040	ALSQ00013 6061 T6511 Aluminum Extruded Square 1.00000 " (+-.012) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Order Number: 39131 Delivery Date: 03/02/2018	2	PC	2.94 CAD	70.56
		24	FT	1 FT	
		28.224	LB		

ORDER CONFIRMATION

thyssenkrupp Materials NA, 2821 Langstaff Road, Concord, ON L4K 5C6

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7
Canada

DATE: 02/27/2018
ORDER NO: 1403544606 *
 YOUR P/O: 39131 dtd. 02/22/2018
 ATTENTION TO: CHANTEL LAVOIE
 TEL: 613-632-5200
 * please state on all documents

PAGE 2 OF 5

ITEM	DESCRIPTION	QTY1	UOM	PRICE CUR PER UOP	TOTAL CAD
		QTY2	UOM		
QTY3	UOM				
0060	ALREC00173 6061 T6511 Aluminum Extruded Rectangular 1.00000 (+-.012) X 2.0000 (+-.024) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Order Number: 39131 Delivery Date: 03/02/2018	2	PC	5.88 CAD 1 FT	141.12
		24	FT		
		56.448	LB		
0070	ALREC00304 6061 T6511 Aluminum Extruded Rectangular 1.50000 (+-.014) X 2.5000 (+-.024) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Order Number: 39131 Delivery Date: 03/02/2018	5	PC	11.03 CAD 1 FT	661.80
		60	FT		
		264.600	LB		
0080	ALSQ00023 6061 T6511 Aluminum Extruded Square 2.25000 " (+-.024) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Order Number: 39131 Delivery Date: 03/06/2018 1.5 WEEKS ARO	1	PC	17.86 CAD 1 FT	214.32
		12	FT		
		71.448	LB		

ORDER CONFIRMATION

thyssenkrupp Materials NA 2821 Langstaff Road, Concord, ON L4K 5C6

DART AEROSPACE LTD
 1270 ABERDEEN ST
 HAWKESBURY ON K6A 1K7
 Canada

DATE: 02/27/2018
ORDER NO: 1403544606 *
 YOUR P/O: 39131 dtd. 02/22/2018
 ATTENTION TO: CHANTEL LAVOIE
 TEL: 613-632-5200
 * please state on all documents

PAGE 3 OF 5

ITEM	DESCRIPTION	QTY1 QTY2 QTY3	UOM UOM UOM	PRICE CUR PER UOP	TOTAL CAD
0110	ALREC01081 6061 T6511 Aluminum Extruded Rectangular 1.00000 (+.038-0) X 18.0000 (+.288-0) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT Nominal Chemistry/Nom Physical Standard Packaging Order Number: 39131 Delivery Date: 03/02/2018 1.5 WEEKS ARO		2 PC 24 FT 508.032 LB	72.50 CAD 1 FT	1,740.00
0120	ALREC00274 6061 T6511 Aluminum Extruded Rectangular 0.75000 (+-.010) X 6.0000 (+-.044) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Order Number: 39131 Delivery Date: 03/02/2018		1 PC 12 FT 63.504 LB	13.23 CAD 1 FT	158.76
0130	ALREC00726 6061 T6511 Aluminum Extruded Rectangular 1.25000 (+-.008) X 2.0000 (+-.008) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging Order Number: 39131 Delivery Date: 03/02/2018		1 PC 12 FT 35.280 LB	7.35 CAD 1 FT	88.20

ORDER CONFIRMATION

thyssenkrupp Materials NA 2821 Langstaff Road, Concord, ON L4K 5C6

DART AEROSPACE LTD
 1270 ABERDEEN ST
 HAWKESBURY ON K6A 1K7
 Canada

DATE: 02/27/2018
ORDER NO: 1403544606 *
 YOUR P/O: 39131 dtd. 02/22/2018
 ATTENTION TO: CHANTEL LAVOIE
 TEL: 613-632-5200
 * please state on all documents

PAGE 4 OF 5

ITEM	DESCRIPTION	QTY1 QTY2 QTY3	UOM UOM UOM	PRICE CUR PER UOP	TOTAL CAD
0160	OFFERING .080X48X144 ALFLR00493 6061 Aluminum T6 Sheet 0.08000 (+-.0035) X Width 48.0000 X Length 144 ASTM B209 2014 ROHS COMPLIANT SAE AMS 4027 N Nominal Chemistry/Act Physical Standard Packaging Order Number: 39131 Delivery Date: 03/02/2018		3 PC 162.570 LB	135.47 CAD 1 PC	406.41
0170	OFFERING .3125X48.5X144.5 ALFLR74857 6061 Aluminum T651 Sheet 0.31200 X Width 48.5000 X Length 144.5000 Actual Chemistry/Act. Physical Standard Packaging Order Number: 39131 Delivery Date: 03/02/2018		1 PC 214.287 LB	535.72 CAD 1 PC	535.72
0180	SSREC00117 T-304/304L Stainless Steel HRAP Rectangular 0.75000 " (+-.015) X 1.5000 " (+-.031) X 144 Mill Length ASME SEC II A-2 SA-479(M) 2007 ASTM A 276/A 276M REV A 2016 ASTM A 479/A 479M 2017 ROHS COMPLIANT SAE AMS 5639 J SAE AMS-QQ-S-763 D Actual Chemistry/Act. Physical Standard Packaging Order Number: 39131 Delivery Date: 03/02/2018		1 PC 46.176 LB	276.93 CAD 1 PC	276.93
	Weight total			1,690.473 LB	
	Items total				4,893.58
	Net Amount				4,893.58
	GST				636.16
	TOTAL				5,529.74

Payment Terms: Within 30 days without deduction

ORDER CONFIRMATION

thyssenkrupp Materials NA 2821 Langstaff Road Concord ON L4K 5G6

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7
Canada

DATE: 02/27/2018
ORDER NO: 1403544606 *
YOUR P/O: 39131 dtd. 02/22/2018
ATTENTION TO: CHANTEL LAVOIE
TEL: 613-632-5200
* please state on all documents

PAGE 5 OF 5

Delivery Terms: PPD (gem. Incoterms 2000) PREPAID

Shipping Condition: General Delivery

Please review the above items for accuracy.
Prices are quoted as price in effect at time of shipment.
Our standard terms and conditions apply should this quote become an order.

For terms and conditions please refer to website at <http://www.lkmna.com/lkmna/Resources/CustomerService/index.html>

Any obvious damage must be noted on the material delivery documentation at the time of receipt.
Tax exemption status documentation must be forwarded to credit department prior to order approval.
All returned material subject to restock charge

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304BO, 750 X 1500
 DATE: MAR 05 2018

PO / BATCH NO.: 039131/5042752

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 12'
 QUANTITY INSPECTED: 12'
 QUANTITY REJECTED: /

THICKNESS ORDERED: 0.750
 THICKNESS RECEIVED: 0.750
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y <input type="radio"/> N	<i>Astm A2-26</i>
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	<i>Hast# 5616200</i>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> Y <input type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>11</u> <u>9-89</u>	SIGNED OFF BY: _____
DATE: <u>MAR 05 2018</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

△ PURCHASE MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE
(NOTE: AISI 303 NOT ACCEPTABLE)

△ SPECIFICATION: ASTM A276 DR ASTM A240

PART NUMBER:
M304B|TTT|WWW|WWWW|
THICK|WIDTH

WHERE "TTT" = THICKNESS IN INCHES
AND "WWW" = WIDTH IN INCHES

EG. 0.5" X 3.0" BAR = M304B0.500X03.000

EG. 0.5" X 12.0" PLATE = M304B0.500X12.000

△ C

DESIGNER
2010-11-30
AN

ADDED PLATE TO PURCHASE MATERIAL, ADDED PLATE FROM 304/316 BAR TO 304/316 BAR/PLATE		MB	10.11.25
C	RELATED SPECIFICATIONS, AND I.G.; CHANGED TITLE REFORMAT DWG. ADD SPECS (ZN D6-1), REF PAR 08-020A	CP	09.07.15
B	A NEW ISSUE	PH	05.06.10
REV.	DESCRIPTION	BY	DATE
	D	D	DART AEROSPACE LTD
			HAWKSBURY, ONTARIO, CANADA
			DRAWING NO. M304B
			REV. C
			SHEET 1 OF 1
			SCALE
			NTS

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not to be distributed or communicated to any other person without

written permission from Dart Aerospace Ltd.

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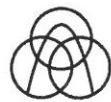
11

12

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14

15

Dan

thyssenkrupp

thyssenkrupp Materials NA, 2821 Langstaff Road, Concord, ON L4K 5C6

DELIVERY NOTE

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7



DATE: 03/02/2018
 DOC. NO: 2405788197*
 BOL. NO: 2405788197
 ORDER NO: 1403544606
 YOUR P/O: 39131
 CUSTOMER NO: 10058125
 Route: 303UA
 CONTACT: Stan Ivers
 TEL: 905-532-1350 ext 21350
 FAX: 905-738-9033 ext 9033
 EMAIL: STAN.IVERS@THYSSENKRUPP.COM

Hube

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR TO SHIPPING.

ATTN: CHANTAL/LINDA

**** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER ****

**** REFERENCED ON IT ****

Deliveries are carried out for your account and risk acc. to our Gen. Terms & Cond. of Delivery and Payment.

ITEM	DESCRIPTION	UIC Bollinghaus	NET QTY1 / QTY2	PACKAGE NO
0010	SSREC00117 T-304/304L Stainless Steel HRAP Rectangular 0.75000 " (+-.015) X 1.5000 " (+-.031) X 144 Mill Length Actual Chemistry/Act. Physical Standard Packaging	TAGNUM QTY UOM VEND VENDPO HLOT	1 PC 48 lb	1008337228

2001313394 1 PC BOLLINGHA 5400334499 56162100
 SAE AMS 5639|J;SAE AMS-QQ-S-763|D;ASME SEC II A-2 SA-479(M)|2007;ROHS
 COMPLIANT;ASTM A 276/A 276M REV A|2016;ASTM A 479/A 479M|2017

Total Gross Weight

53.000 lb

All items, not declared as partial delivery, are final quantities.

Delivery Terms: PPD gem. Incoterms 2000 Prepaid PREPAID

thyssenkrupp Materials NA, 2821 Langstaff Road, Concord, ON L4K 5C6

DELIVERY NOTE

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7

DATE:	03/02/2018
DOC. NO:	2405788197*
BOL. NO:	2405788197
ORDER NO:	1403544606
YOUR P/O:	39131
CUSTOMER NO:	10058125
Route:	303UA
CONTACT:	Stan Ivers
TEL:	905-532-1350 ext 21350
FAX:	905-738-9033 ext 9033
EMAIL:	STAN.IVERS@THYSSENKRUPP.COM

CERTIFICAT DE CONFORMITÉ/CERTIFICATE OF COMPLIANCE

*thyssenkrupp Matériaux NA certifie que le matériel décrit ci-dessus est conforme aux dessins ou spécifications exigés sur le bon de commande et qui sont en vigueur à la date ou la commande a été acceptée./ thyssenkrupp Materials NA certifies that the material described above is in accordance with the drawings or specifications called for on said order that are current on the date order was accepted.

*Nous certifions que le document reproduit ici est une copie conforme du rapport fourni par le fournisseur du matériel où les données résultent de l'analyse faite par un laboratoire qualifié/ We certify that the document reproduced here is true to the report provided by the equipment supplier where the data are the result of analysis by a qualified laboratory.

David Noordine - Director of Quality Assurance



 Bollinghaus Steel, SA DIN EN ISO 9001:2008 TÜV CERT No. 01 100 030458		Abnahmeprüfzeugnis/Mill Test Certificate/Certif. de Qualidade								No.: / Nr.: /Nr.:					
		EN 10204:2004 / 3.1								0000125852					
		Unsere Innere Verwaltung /Our Int. Ref/ N/ref Int								Datum / Date / Data					
		5600034013 000140								24.03.2017					
Normen / Standards / Normas															
TYPE 304/UNS S30400 and TYPE 304L/UNS S30403 acc. to ASTM A276/A276M-16a, ASTM A479/A479M-16a, ASTM F899-12b, ASME SA479/SA479M-2015, AMS 5639H, AMS 5647J, AMS QQ-S-763D, execution as per ASTM A484/A484M-16.															
Kunde / Customer / Cliente						Endgültiger Kunde / Final Customer / Cliente Final									
ThyssenKrupp Materials NA 22355 West 11 Mile Road 48051 Southfield Michigan						Copper & Brass 8001 ThyssenKrupp Parkway 43619 Northwood, OH									
Bestell Nr./Order Nr./Enc.Nr.						Bestell Nr./Order Nr./Enc.Nr.									
5400334499-R02						5400334499-R02.1									
Produktgruppe / Product Group / Grupo Produto						Gewicht / Weight / Peso			Bunde / Bundle / Atados						
AISI 304/L FLAT 3/4 X 1-1/2"						4 772 lb			02						
Werkstoff-Nr. Material-no. Qualidade			Werkstoff-Normbezeichnung / Material standard grade / Norma do material												
1.4307			X 2 CrNi 18-9												
Beschreibung / Description / Descrição															
Stainless steel flat bars, hot rolled, heat treated, straightened and pickled. Item Nº SSREC00117 US DFAR 252.225-7009: MELT SOURCE: United Kingdom / MFG: Portugal.															
Schmelzen Nr. Cast nr. / Fundo nr.		Chemische Analyse in % / Chemical composition in % / Analise química em %													
56162100	C	0.018	Si	0.320	Mn	1.680	P	0.032	S	0.025	Cr	18.220	Ni	8.060	
EAF+AOD	Mo	0.510	Co	0.178	Cu	0.590	N	0.080	Ti	0.003	Al	0.006	-	-	
Proben Nr. Test no. Amostra no.		ASTM E399			ASTM A370										
		Kerbsschlagarbeit Impact Test Resiliência			Streckgrenze Yield point Tensão limite	Dehngrenze 1% point Limite de extensão	Zugfestigkeit Tensile strength Tensão de rotura	Dehnung Elongation Alongamento			Einschmelzung Reduction of area Coef. Estrição				
		(Charpy V) [J]			Rp 0,2 % [Ksi]	Rp 1,0% [Ksi]	- Rm - [Ksi]	A5	40	Z	[%]	[%]	[%]		
3060082.02.01		223.0			47.3	55.8	95.0	57.2	60.0	68.6					
Visuelle Kontrolle Visual inspection Inspecção visual		<input checked="" type="checkbox"/> Ok	ASTM E10 Härte Hardness Dureza [HB]			ASTM A262 Practice E Korrosionsbeständigkeit IC Test Corrosão intercristalina Ok			Wärmebehandlung Heat treatment Tratamento térmico			Annealed Quenched 1900 °F (1050 °C) (water quenched)			
ASTM A484 Maßkontrolle Dimensional inspection Inspecção dimensional		<input checked="" type="checkbox"/> Ok	ASTM E112 Korngröße Grain size Tamanho do grão			Werksachverständiger Quality Control Representative Inspector da Qualidade W 305 Nuno Silva (Ω-NS)									
Verwechslungsprüfung Test of identity Teste de identificação		<input checked="" type="checkbox"/> Ok	Makroskopische Untersuchung Macrographic test Material free from segregation defects.			<input checked="" type="checkbox"/> Ok	Bollinghaus Steel, SA								
Bemerkungen / Remarks / Observações Country of origin: Portugal. No weld repair done. Material is free of mercury and radiation contamination.						Hiermit bestätigen wir, dass das Material der oben genannten Spezifikation entspricht. We confirm that this material meets the specification according the mentioned standards. Confirmamos que este material respeita as especificações de acordo com as normas referidas.									

I29.K PP

From: TK Materials CA, Ltd.

Cust. DART AEROSPACE LTD

CstAr

Wgt.: 48 LB

Del.: 2405788197

CstOr 39131

Date 02/28/2018

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606146B1.000x16.000
 DATE: MAR 05 2018

PO / BATCH NO.: 039131/5047751

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 24
 QUANTITY INSPECTED: 24
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.000
 THICKNESS RECEIVED: 1.000
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>(N)</u>
CORRECT FINISH	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>(Y) N</u>
CORROSION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>(Y) N</u>
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>(Y) N</u>
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>Astm B221</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>(Y) N</u>
PHOTO REQUIRED	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>(Y) (N)</u>
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>(Y) N Heat # 21940249</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>(Y) N</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>(Y) N</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>Y (N)</u>
DOES THIS REQUIRE AN EXTRUSION REPORT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>Y (N)</u>

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY:	<u>DAS 11</u>	SIGNED OFF BY:	
DATE:	<u>9-89 MAR 05 2018</u>	DATE:	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION: QQ-A-225/8 OR AMS-QQA-225/8 (OR AMS 4117/4128/4115/4116)

OR QQ-A-2018 OR AMS-QQA-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

△B

PART NUMBER:

M6061T6B	T.TTT	X	WW WWW	WIDTH
	THICK			

WHERE "T.TTT" = THICKNESS IN INCHES

"WW.WWW" = WIDTH IN INCHES

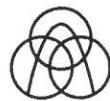
E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

RELEASED
R 2009-08-03
[Signature]

B		C		D	
B	REMOVE QQA-225/11 OPTION, REFORMAT NOTES, ADD ASTM B21/B221 (ZN D7-1)	A	NEW ISSUE	C	09/07/13
REV				DS	01/06/08
				BY	DATE
DESIGN	DS	DS	DART AEROSPACE LTD		
DRAWN	<i>[Signature]</i>	<i>[Signature]</i>	HAWKESBURY, ONTARIO, CANADA		
CHECKED	<i>[Signature]</i>	<i>[Signature]</i>	DRAWING NO.	REV. B	
MFG. APPR.			M6061T6B	SHEET 1 OF 1	
APPROVED			TITLE	SCALE	
DE APPR.			6061-T6 BAR	NTS	
DATE	09/07/13		COPYRIGHT © 2001 BY DART AEROSPACE LTD		
			THIS DOCUMENT IS THE PROPERTY OF DART AEROSPACE LTD. AND IS TO BE KEPT CONFIDENTIAL. IT IS NOT TO BE COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT THE WRITTEN APPROVAL OF DART AEROSPACE LTD.		

8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1

Dan

thyssenkrupp

thyssenkrupp Materials NA, 2821 Langstaff Road, Concord, ON L4K 5C6

DELIVERY NOTE

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7



DATE: 03/02/2018
DOC. NO: 2405788192*
BOL. NO: 2405788192
ORDER NO: 1403544606
YOUR P/O: 39131
CUSTOMER NO: 10058125
Route: 303UA
CONTACT: Stan Ivers
TEL: 905-532-1350 ext 21350
FAX: 905-738-9033 ext 9033
EMAIL: STAN.IVERS@THYSSENKRUPP.COM

BDC

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR TO SHIPPING.

ATTN: CHANTAL/LINDA

**** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER ****

**** REFERENCED ON IT ****

Deliveries are carried out for your account and risk acc. to our Gen. Terms & Cond. of Delivery and Payment.

ITEM	DESCRIPTION	NET QTY1 / QTY2	PACKAGE NO
0010	ALREC01081 6061 T6511 Aluminum Extruded Rectangular 1.00000 (+.038-0) X 18.0000 (+.288-0) X 144 Mill Length Nominal Chemistry/Nom Physical Standard Packaging 1.5 WEEKS ARO	2 PC 519 lb	1008336695
TAGNUM	QTY	UOM VEND	VENDPO HLOT
PCS		PC	SAPA EXTR 5400249881 21940249
2001313292	2		
ROHS COMPLIANT;ASTM B 221 2014	Total Gross Weight	521.000	lb

All items, not declared as partial delivery, are final quantities.

Delivery Terms: PPD gem. Incoterms 2000 Prepaid PREPAID

thyssenkrupp Materials NA, 2821 Langstaff Road, Concord, ON L4K 5C6

DELIVERY NOTE

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7

DATE: 03/02/2018
DOC. NO: 2405788192*
BOL. NO: 2405788192
ORDER NO: 1403544606
YOUR P/O: 39131
CUSTOMER NO: 10058125
Route: 303UA
CONTACT: Stan Ivers
TEL: 905-532-1350 ext 21350
FAX: 905-738-9033 ext 9033
EMAIL: STAN.IVERS@THYSSENKRUPP.COM

CERTIFICAT DE CONFORMITÉ/CERTIFICATE OF COMPLIANCE

*thyssenkrupp Matériaux NA certifie que le matériel décrit ci-dessus est conforme aux dessins ou spécifications exigés sur le bon de commande et qui sont en vigueur à la date ou la commande a été acceptée./ thyssenkrupp Materials NA certifies that the material described above is in accordance with the drawings or specifications called for on said order that are current on the date order was accepted.

*Nous certifions que le document reproduit ici est une copie conforme du rapport fourni par le fournisseur du matériel où les données résultent de l'analyse faite par un laboratoire qualifié/ We certify that the document reproduced here is true to the report provided by the equipment supplier where the data are the result of analysis by a qualified laboratory.

David Noordine - Director of Quality Assurance



Sapa * Sapa Industrial Extrusions
53 POTTSVILLE STREET

CRESSONA, PA
17929-0187

Sapa Extrusions Inc., a Subsidiary of Sapa AB

Certified Inspection Report

Sales Order Number	Line No.	Customer P/O	Cert Number	Page
1100869622	4	5400249881-40	SAPA1132418	1 of 2

Invoice To Customer	Quantity Shipped	Date Shipped	Item Description	Specification
COPPER & BRASS SALES INC ATTN: ACCOUNTS PAYABLE P.O. BOX 5116	1042	LB	ACC-U-LINE Extruded ACC-U-PLATE	ASTMB221 REV 14 ASMESB221 REV 09 AMS-QQ-A-2008 REV 1997 RA 2012 IS-AUP REV
SOUTHFIELD, MI - 48086	B/L		Item No.	1,000 TK x 18,000 W TK TOL +.038/-000 W TOL +.228/-000 SECT 515458
COPPER & BRASS SALES INC 8001 THYSSENKRUPP PARKWAY	607685		GU3360546	144.000 IN LN FIN M-MILL W/F 21707 F 2 CS 18.1
NORTHWOOD, OH - 43619	Delivery Id		Item No. Rev	4629735
	Customer Part No.			ALREC01081
				6061/T6511 Marking CONTINUOUS; --

Applicable Specifications, Revisions and Exceptions

ACC-U-PLATE

COMPOSITION NOTE: The values for 'Others Each' and 'Others Total' have met the limits as shown on this certified inspection report. Remainder is Aluminum.

Legal Statement	Signature And Title
We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition and had the mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.	<i>William T. Martin, III</i> William Martin III Tech/Quality Manager

Quantities per Lot / Packages

Package Number	Lot Number	Quantity	UOM	Weight	
				Gross	Net
G12-PKG2342161	21940249	4	PCS	1048	1042

Composition Limits

Alloy	Si			Fe			Cu			Mn			Cr			Zn		
	Min	Max		Min	Max		Min	Max		Min	Max		Min	Max		Min	Max	
6061	0.40	0.80		0.70	0.15	0.40	---	0.15		0.80	1.20		0.04	0.35		---	0.25	

From: TK Materials CA, Ltd.
Cust.: DART AEROSPACE LTD
Cst:Ar
Wgt.: 519 LB

Del.: 2405788192
Cst:Or 39131
Date 02/28/2018

Tomas Sanchez



Certified Inspection Report

Sapa Industrial Extrusions
53 POTTSVILLE STREET
CRESSONA, PA
17929-0187

Sales Order Number	Line No.	Customer P/O	Cert Number
110086922	4	5400249881-40	SAPA1132418

Page	2 of 2
Page	2 of 2
Cert Print Date	Cert Creation Date

Mechanical Property - Test Limits

Alloy	Ti	Others Each	Others Total
	Min	Max	Min
6061	---	0.15	---
			0.15

Composition Results

Heat / Cast	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others Each	Others Total
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
4034295	0.68	0.22	0.23	0.05	0.91	0.05	0.04	0.02	--	--

Cert Notes

Products manufactured with a T6511 temper also meet T6 temper requirements.

Yield strength has been determined by the 0.2% offset method

All mill finish alloys produced at Sapa Industrial Extrusions comply with Directive 2011/65/EU (RoHS 2) with the exception of 6262 alloy

In accordance with EN 10204 Inspection Certificate Type 3.1

Melted in the USA or "Qualifying Countries" (as defined in Defense Federal Acquisition Regulation Supplement (DFARS) Section 225.872-1)

Manufactured in the United States

Test / Temper	Lot Number	# of Tests	MIN Value	MAX Value	MIN Value	MAX Value	MIN Value	MAX Value
T6511S8	21940249	2	48.2	48.4	44.8	44.9	11.7	13.5

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